

BREWSTER
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 10.17 | 10 | 98 | Male | 5.01 | 13 | 259 ~+ |
| Female | 3.35 | 5 | 149 | Female | 3.50 | 6 | 172 |
| Total | 13.52 | 15 | 111 | Total | 8.51 | 19 | 223 ~+ |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 2.52 | 1 | NC* | Male | 1.81 | 1 | NC* |
| Female | 2.14 | 5 | 233 | Female | 1.48 | 0 | NC* |
| Total | 4.66 | 6 | 129 | Total | 3.29 | 1 | NC* |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 0.62 | 3 | NC* | Male | 6.74 | 4 | NC* |
| Female | 47.31 | 54 | 114 | Female | 5.84 | 4 | NC* |
| Total | 47.93 | 57 | 119 | Total | 12.59 | 8 | 64 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 2.60 | 3 | NC* | Male | 5.41 | 3 | NC* |
| | | | | Female | 2.57 | 2 | NC* |
| | | | | Total | 7.99 | 5 | 63 |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 25.29 | 17 | 67 | Female | 5.56 | 1 | NC* |
| Female | 21.63 | 10 | 46 ~- | | | | |
| Total | 46.91 | 27 | 58 ~- | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 3.31 | 2 | NC* | Male | 3.59 | 1 | NC* |
| Female | 1.13 | 0 | NC* | Female | 3.56 | 3 | NC* |
| Total | 4.43 | 2 | NC* | Total | 7.15 | 4 | NC* |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 0.96 | 1 | NC* | Male | 58.89 | 73 | 124 |
| Female | 0.77 | 1 | NC* | | | | |
| Total | 1.74 | 2 | NC* | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 5.07 | 4 | NC* | Male | 4.23 | 2 | NC* |
| Female | 2.88 | 1 | NC* | Female | 2.30 | 1 | NC* |
| Total | 7.95 | 5 | 63 | Total | 6.53 | 3 | NC* |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 3.02 | 4 | NC* | Male | 1.14 | 0 | NC* |

| | | | | | | | |
|---|-------|----|-----|---|--------|-----|-----|
| Female | 0.79 | 0 | NC* | | | | |
| Total | 3.81 | 4 | NC* | | | | |
| <u>Leukemia</u> | | | | <u>Thyroid</u> | | | |
| Male | 3.75 | 5 | 133 | Male | 0.79 | 0 | NC* |
| Female | 2.58 | 1 | NC* | Female | 1.99 | 1 | NC* |
| Total | 6.34 | 6 | 95 | Total | 2.78 | 1 | NC* |
| <u>Liver and Intrahepatic Bile Ducts</u> | | | | <u>Uteri, Corpus and Uterus, NOS</u> | | | |
| Male | 1.78 | 1 | NC* | | | | |
| Female | 0.73 | 3 | NC* | Female | 9.32 | 13 | 139 |
| Total | 2.51 | 4 | NC* | | | | |
| <u>Lung and Bronchus</u> | | | | <u>All Sites / Types</u> | | | |
| Male | 30.35 | 22 | 72 | Male | 187.00 | 176 | 94 |
| Female | 20.81 | 28 | 135 | Female | 154.46 | 152 | 98 |
| Total | 51.16 | 50 | 98 | Total | 341.46 | 328 | 96 |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels